

Intel EtherExpress™ PRO/100 LAN Adapters

Fastest Total System Performance For Networked Clients and Servers

- Provides High-Speed Networking Power For Intel Pentium® and Pentium® Pro Processor-Based PCs
- The First Adapter Card With Adaptive Technology For Long-Term Investment Protection
- Low CPU Utilization and High Throughput Let You Take Advantage of the Growing Power of Today's PCs

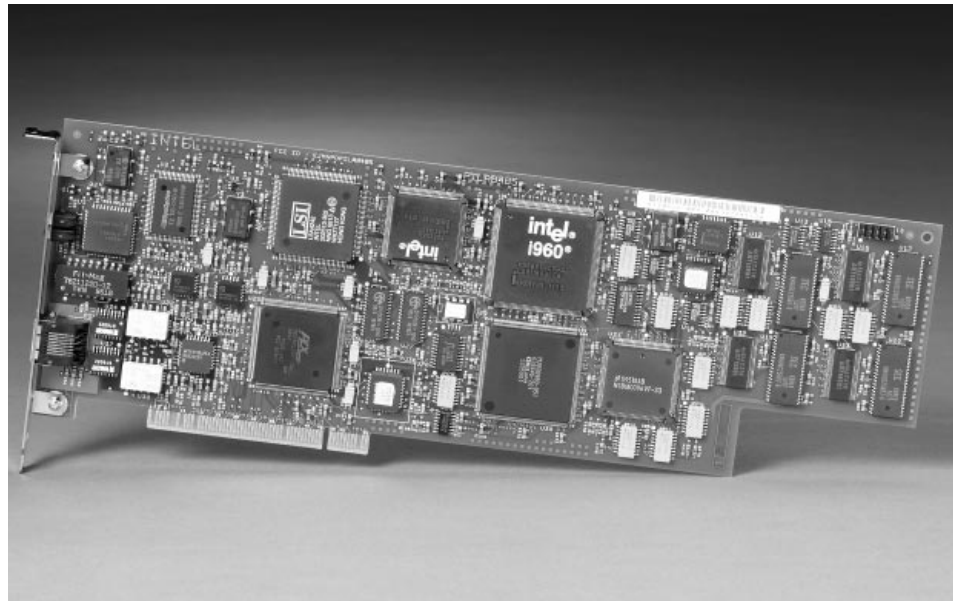
Intel EtherExpress™ PRO/100 LAN Adapters are the total performance solution for networking high-end desktop PCs and servers on Ethernet LANs. With EtherExpress PRO/100 Adapters in clients and the EtherExpress PRO/100 Smart Adapters in servers, you'll see dramatic performance improvements, whether you're using standard Ethernet or Fast Ethernet. Optimized for Intel's powerful Pentium and Pentium Pro processor-based PCs, these adapters minimize CPU utilization and boost throughput – you get top performance with even the most demanding applications and operating environments. EtherExpress PRO/100 Adapters are the efficient way to make the most of your network's computing power.

INTEL ADAPTIVE TECHNOLOGY PROTECTS YOUR ADAPTER INVESTMENT

With Intel Adaptive Technology, there's no need to swap adapter cards to keep up with ever-changing technology. EtherExpress PRO/100 PCI Adapters come with the Intel 82557 Fast Ethernet LAN controller, so you can easily update the adapter's hardware via "reloadable microcode" software updates.

SELF-TUNES TO MATCH THE TOUGHEST PERFORMANCE DEMANDS

Adaptive Technology also enables powerful Collision Reduction technology to optimize performance – the adapter intel-



lently monitors network traffic and tunes itself for best performance. Ideal for heavy-traffic networks with 32-bit operating systems like Windows 95 and Windows NT and other demanding applications.

EASIEST WAY TO MIGRATE TO FAST ETHERNET COMPUTING

Able to run at either 10 or 100 Mbps, EtherExpress PRO/100 Adapters automatically sense the speed of the hub port to which they are connected. You can install them on your high-end clients and servers running at 10 Mbps now, and let the adapter's high speed architecture give you maximum Ethernet performance. Then effortlessly switch to 100 Mbps Fast Ethernet in the future – without changing the configuration or updating the drivers.

ETHEREXPRESS PRO/100 TX SMART ADAPTER

Fast becoming the standard for PCI application servers, the EtherExpress PRO/100 Smart Adapter is equipped with an on-board i960® processor and 2 MB of memory to further minimize use of the server CPU. Also includes Minor Service Link (MSL)/SFT3 drivers, virtually eliminating server downtime.

CONTACT:

Local Intel Sales Office

WWW: <http://developer.intel.com>



Intel EtherExpress PRO/100 Smart Adapter Features:

- Switchless Board Configuration
- Standard Plug 'n Play Specification Support
- Automatic Driver Installation

Network Management

- DMI-Ready
- Board and Network Diagnostics
- SNMP-Manageable With SNMP Gateway
- LANdesk Express Remote Node Management Software

NOS Software Support

- Microsoft Windows NT* 3.5 (NDIS 3.x)
- Novell NetWare DOS ODI Client

Technical Features

- 10&100 Mbps Data Rate
- 2 MB On Board Memory
- INTA Interrupt Levels
- 802.2&802.3 IEEE Compliance
- 32-Bit Data Path Width
- FCC B, CE Hardware Certifications
- Busmaster DMA Transfer Mode
- Intel 82566 & i960 Processor
- 15 Watt @ +5 VDC Power Requirement
- +10 - 55°C Operating Temperature
- 85% at +55°C Operating Humidity

Intel Backing

- Limited Lifetime Warranty
- 90-Day Money-Back Guarantee
- PCI Compatibility Guarantee

FOR PRODUCT INFORMATION

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ORDER THESE FAXBACK* DOCUMENTS

Fast Ethernet Overview and Deployment Guide	6354
Express Stackable Hub Data Sheet	8589
Express Switching Hub Data Sheet	8503
High-Performance Solutions for Workgroups	1308
Adaptive Technology Technical Brief	1034
Performance Testing Report	6389
Intel Branded Products Price List	9000

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